



System information

PV Array

Nb. of modules	526 units
Pnom total	216 kWp

Inverters

Nb. of units	2 units
Pnom total	180 kWac
Pnom ratio	1.348

PV module

Manufacturer	Hanwha Q Cells
Model	Q.Peak-Duo-ML-G10-410
(Custom parameters definition)	
Unit Nom. Power	410 Wp
Number of PV modules	42 units
Nominal (STC)	17.22 kWp

Results summary

Produced Energy	178309 kWh/year	Specific production	827 kWh/kWp/year	Perf. Ratio PR	81.82 %
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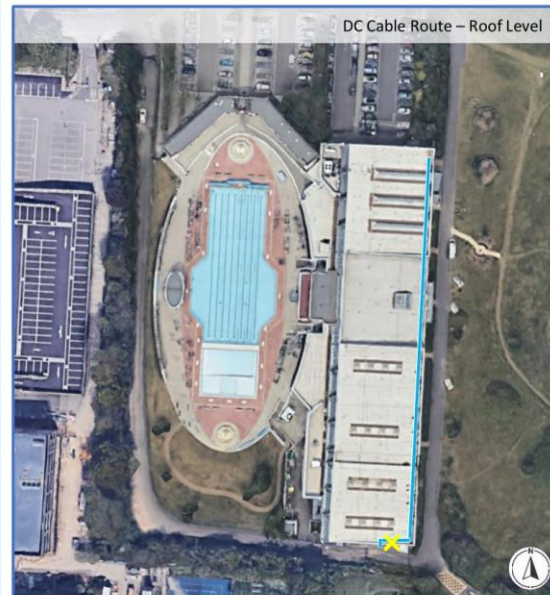
Hillingdon Rooftop Solar PV Design Brief - Hillingdon Sports & Leisure Complex



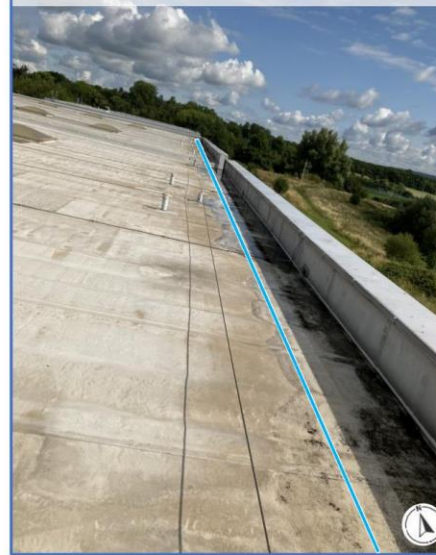
Cable Route, Design and Materials

DC cable to be installed in ducting and secured with cable ties to light, galvanised hot dip tray

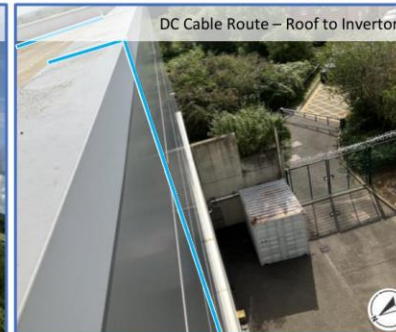
New tray to be installed where possible to meet BS7671



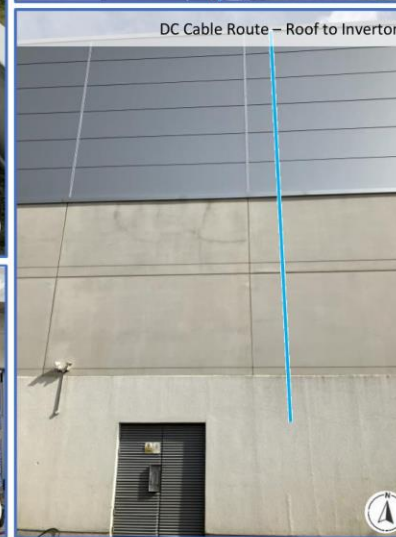
DC Cable Route – Roof Level



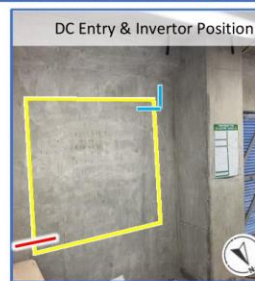
DC Cable Route – Roof to Inverter



DC Cable Route – Roof to Inverter

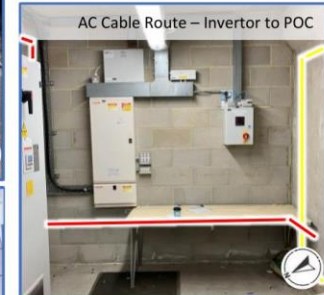


DC Entry & Inverter Position



— DC Cable
— AC Cable
X Inverter

AC Cable Route – Inverter to POC



AC Cable Route – Inverter to POC

